

Fig. 1

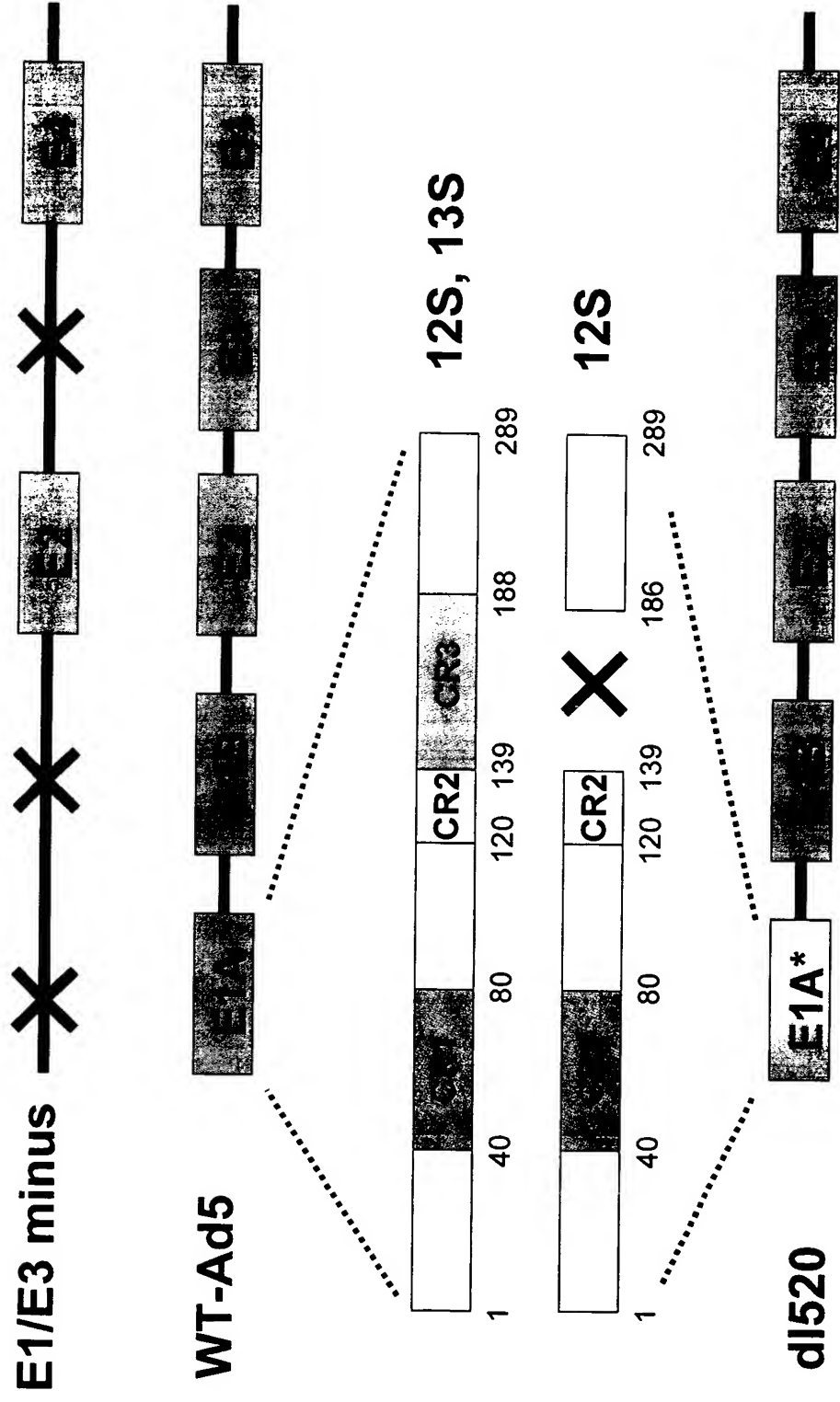


Fig. 2

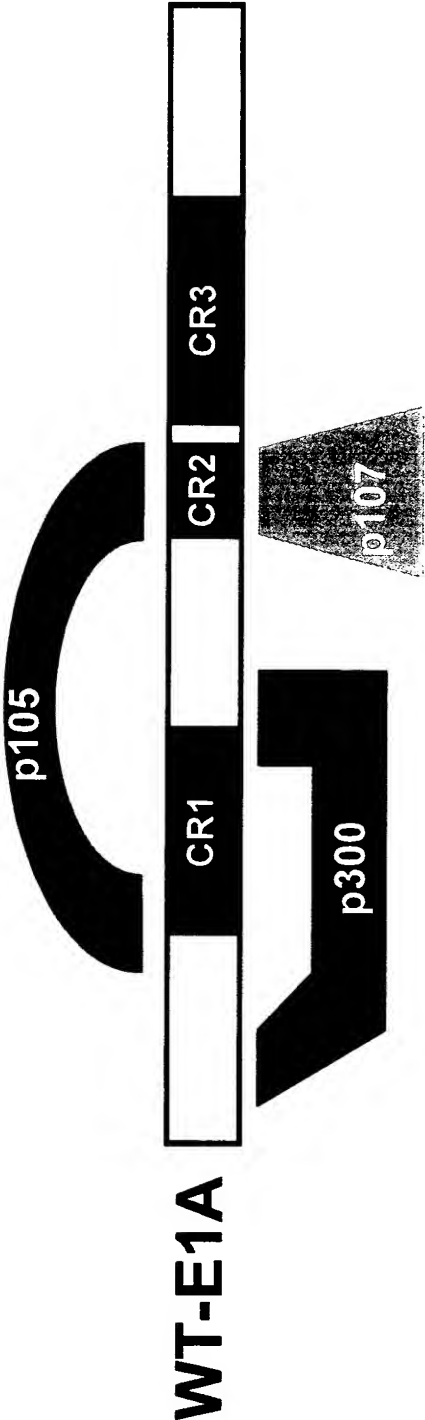


Fig. 3

E1/E3-minus Ad5

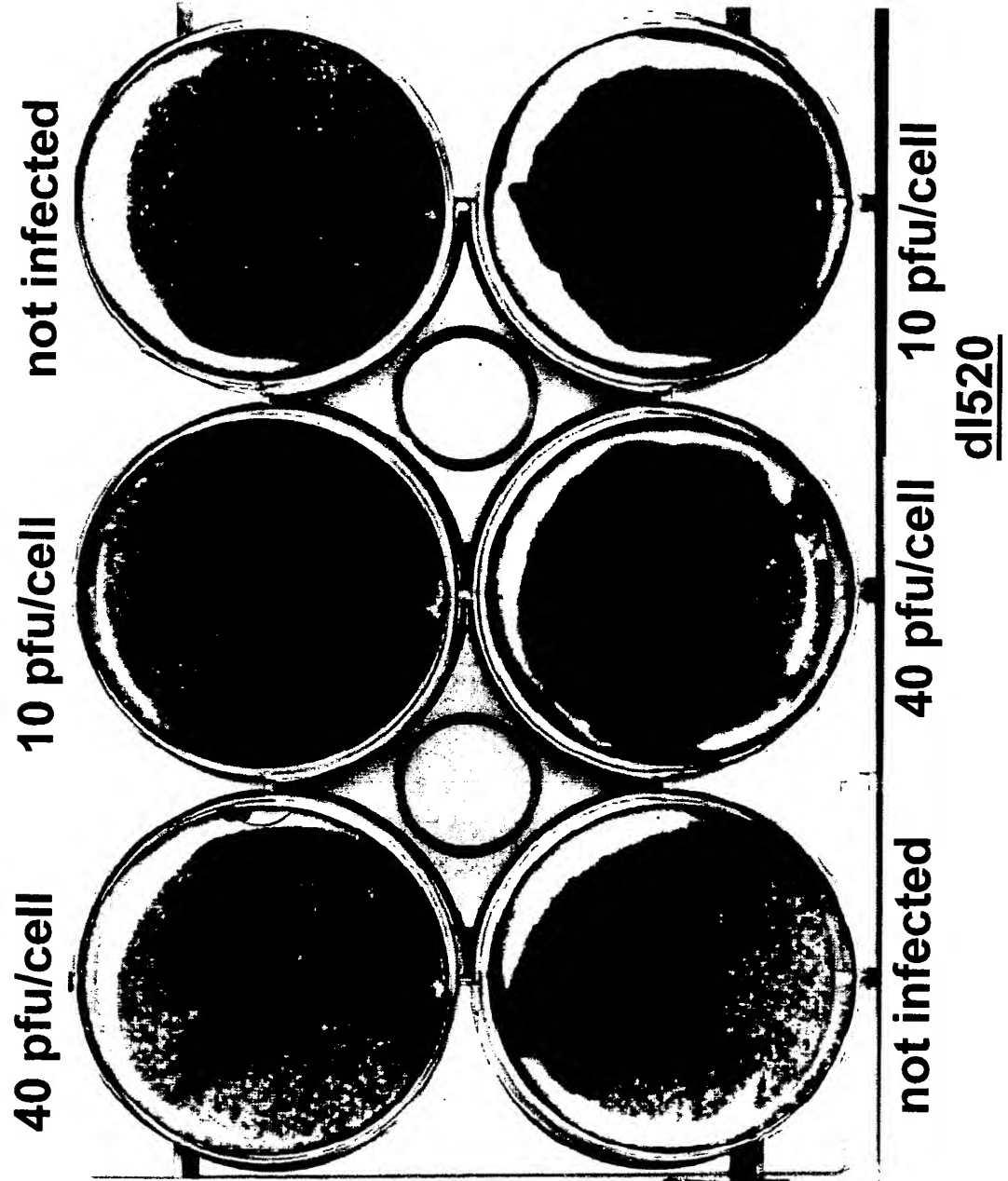
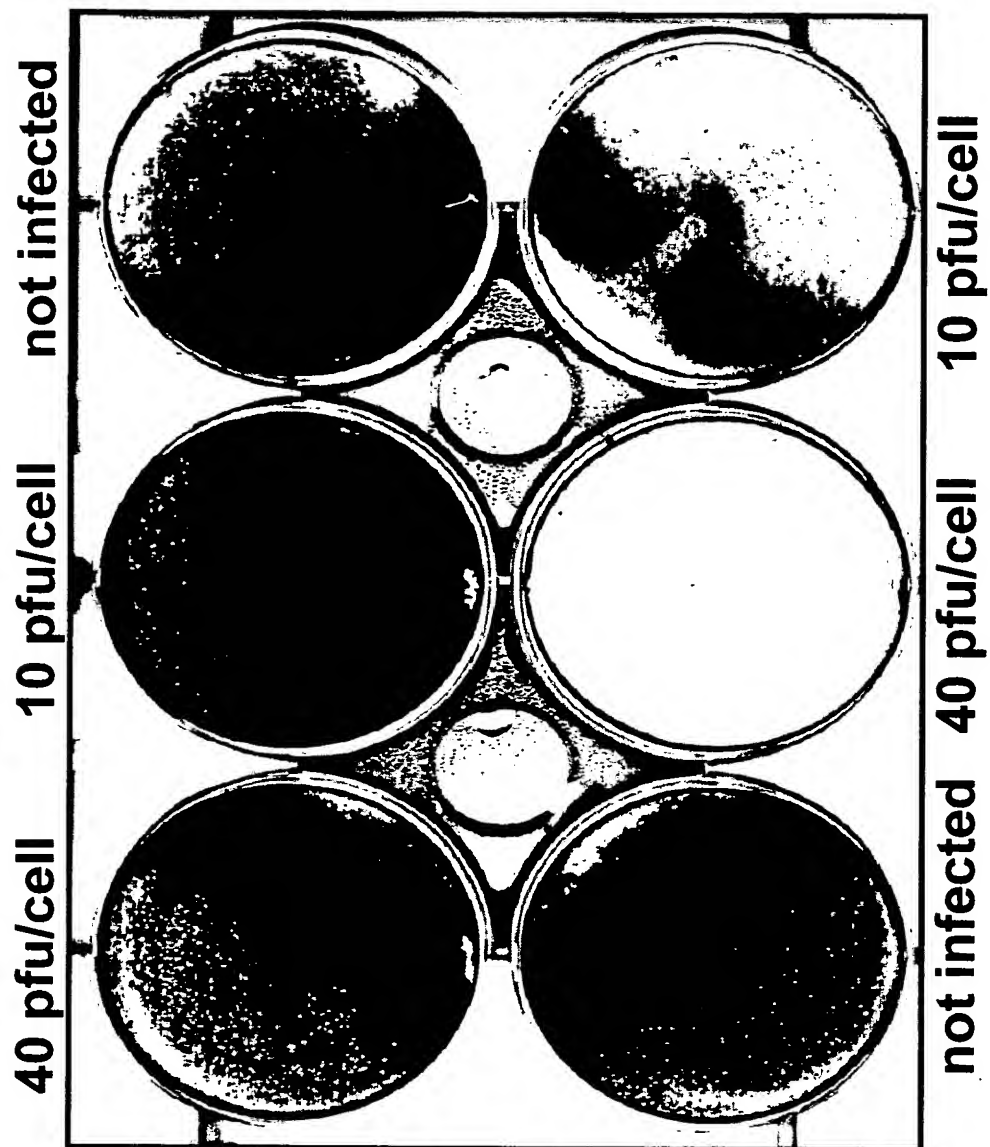


Fig. 4

E1/E3-minus Ad5

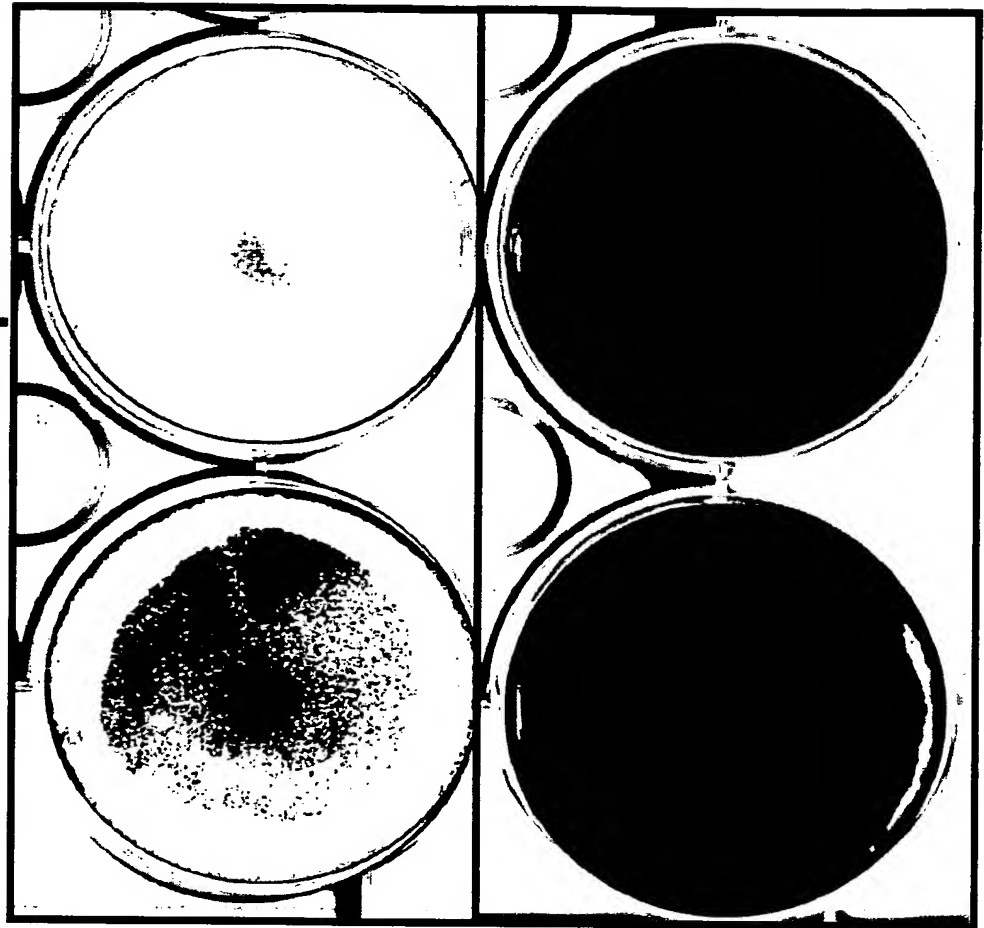


dl520

BEST AVAILABLE COPY

Fig. 5

not infected 20 pfu/cell



257RDB

U2OS

BEST AVAILABLE COPY

↓ YB-1

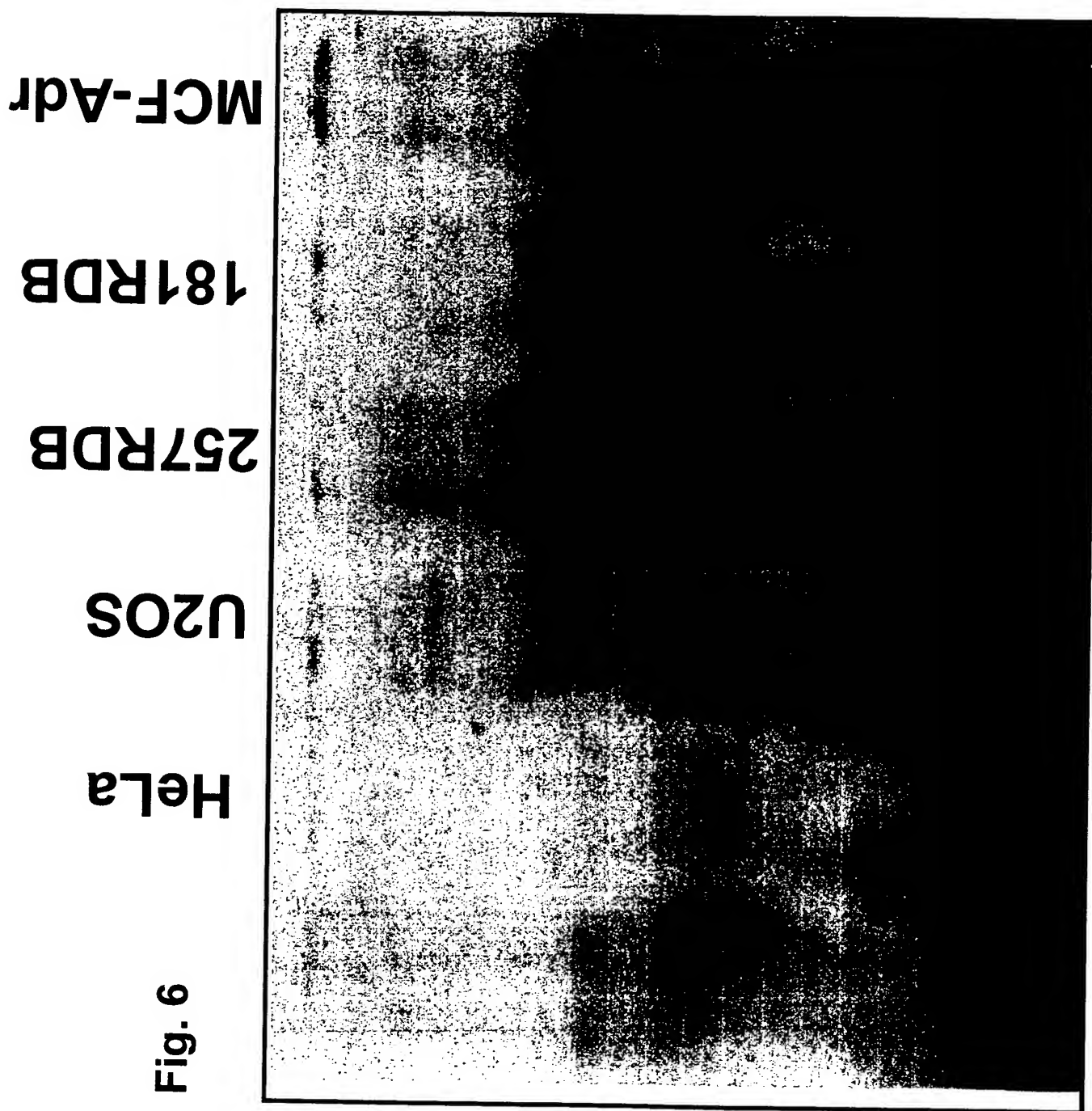
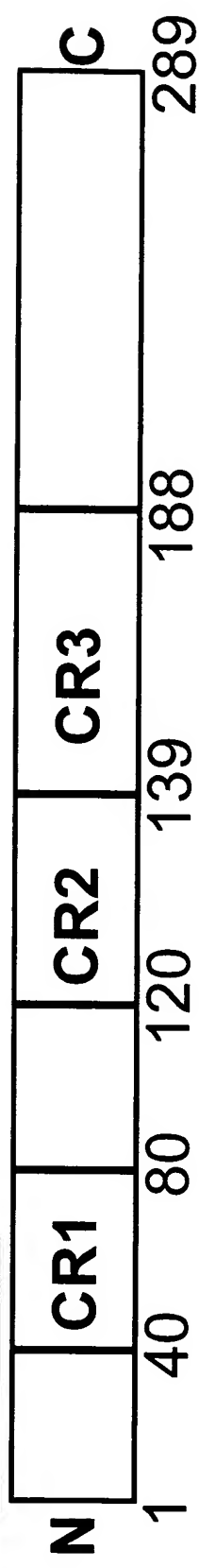


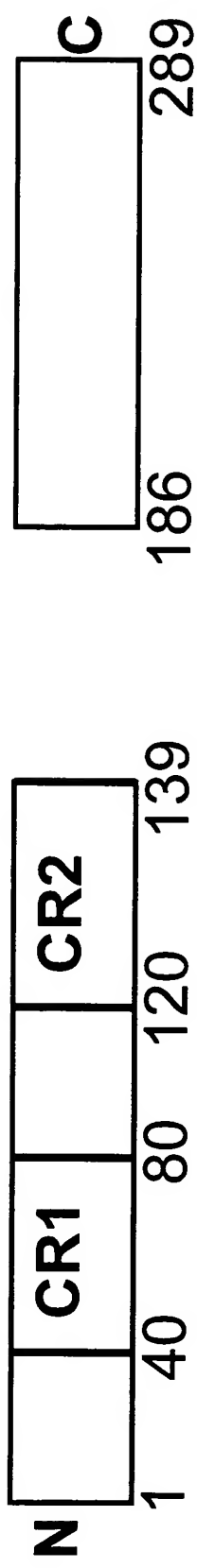
Fig. 6

Fig. 7

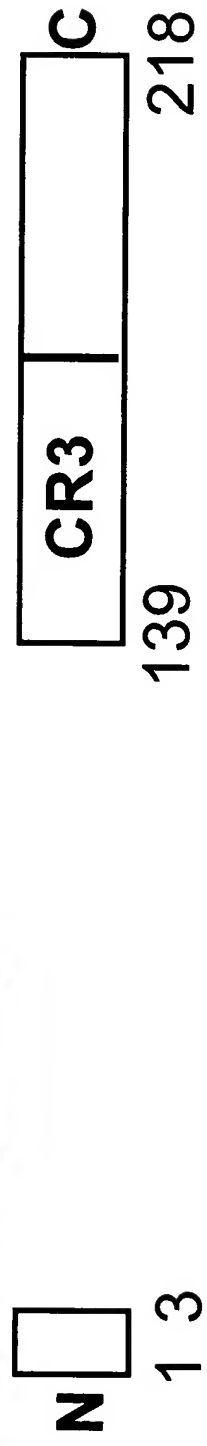
WT-AD5

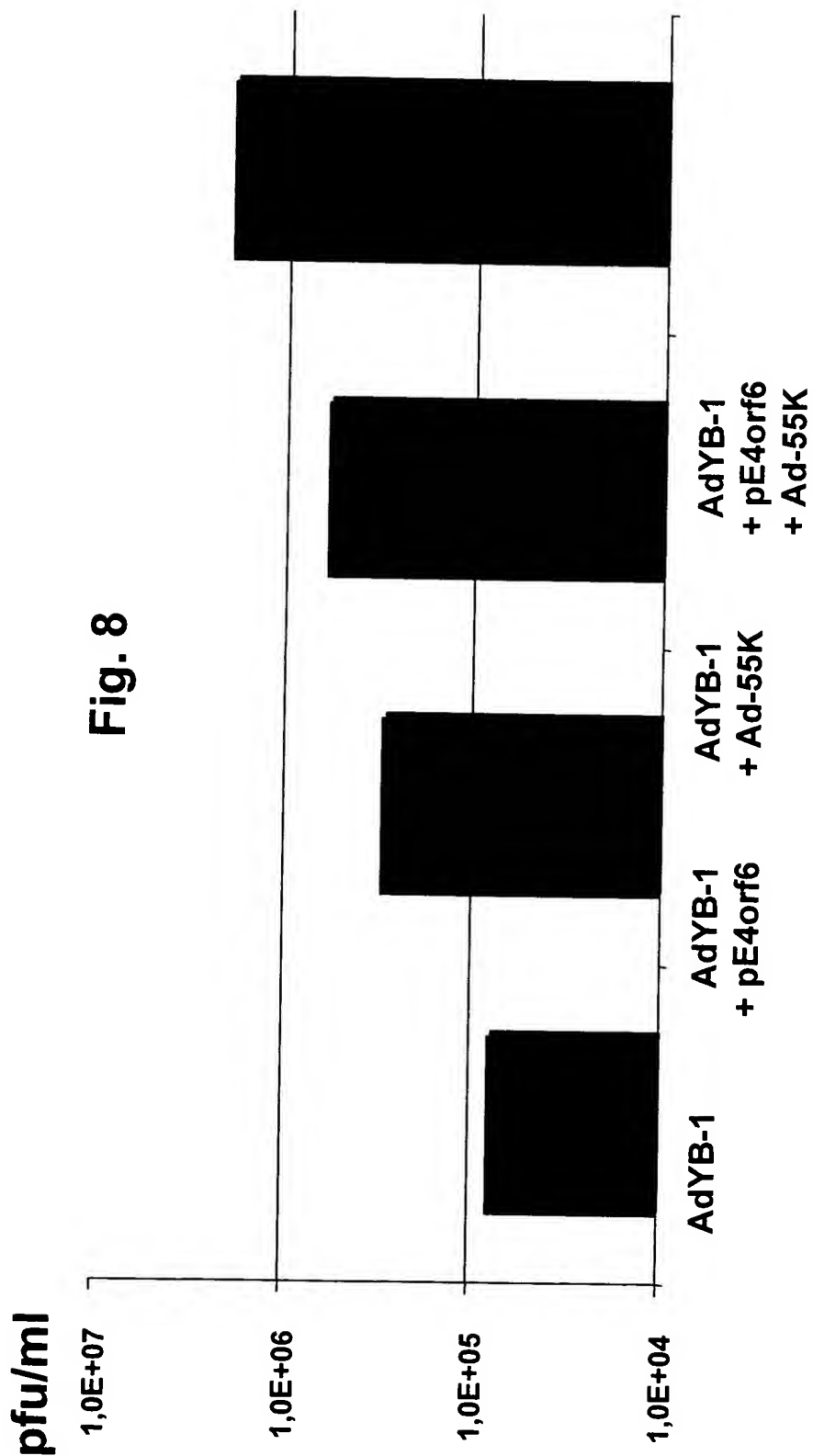


dl520



dl1119/1131





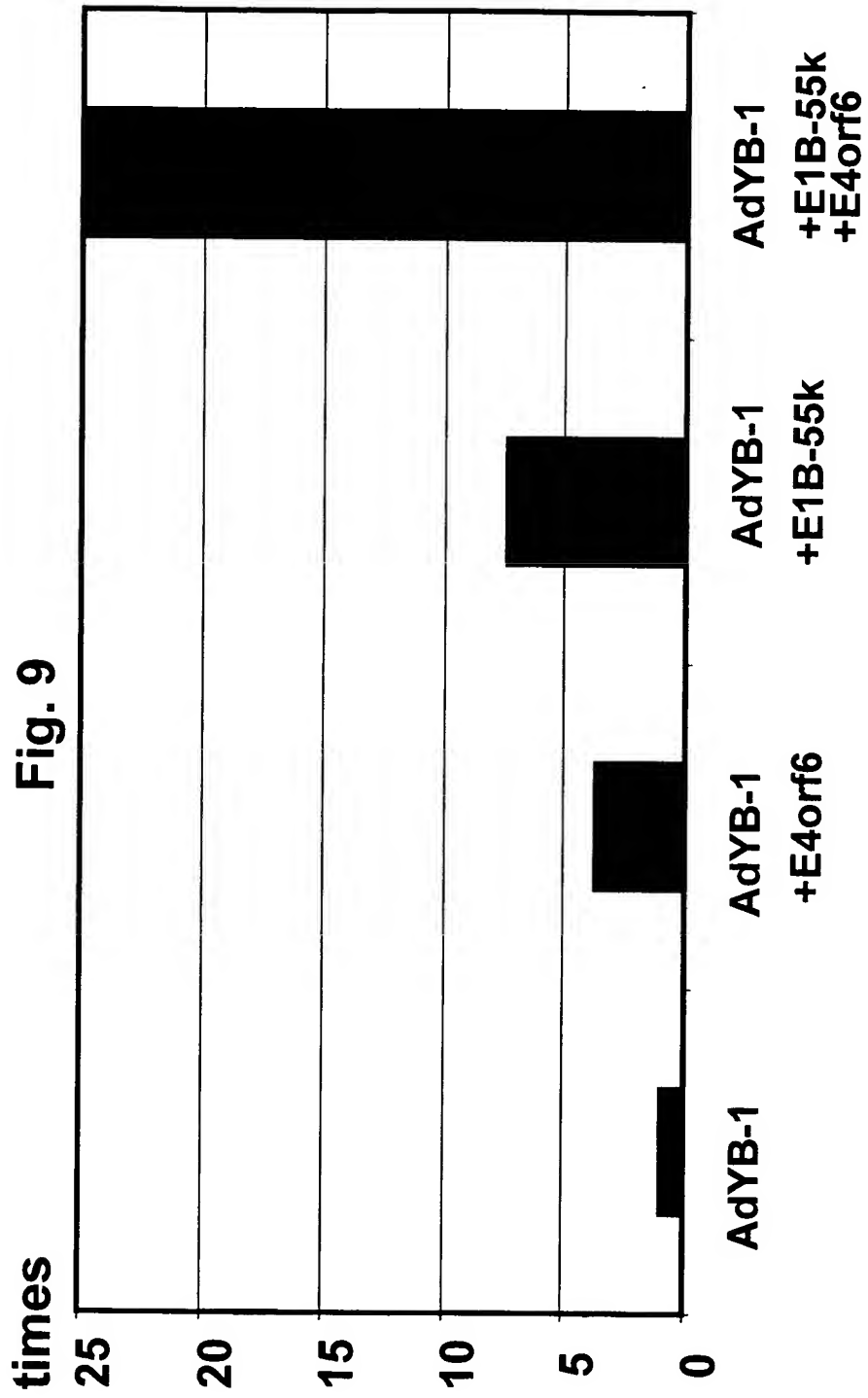
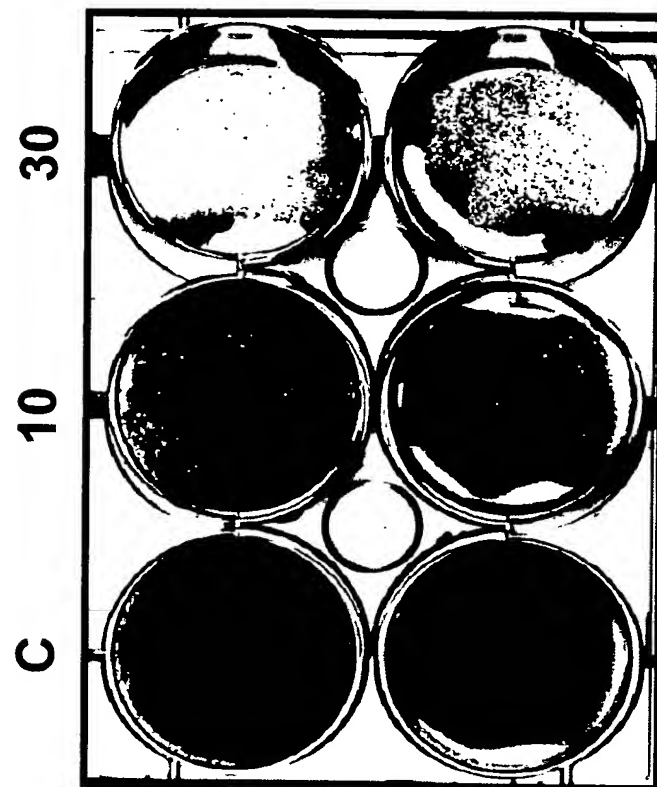


Fig. 10

Daunorubicin:
40 ng/ml



Control:
No Daunorubicin

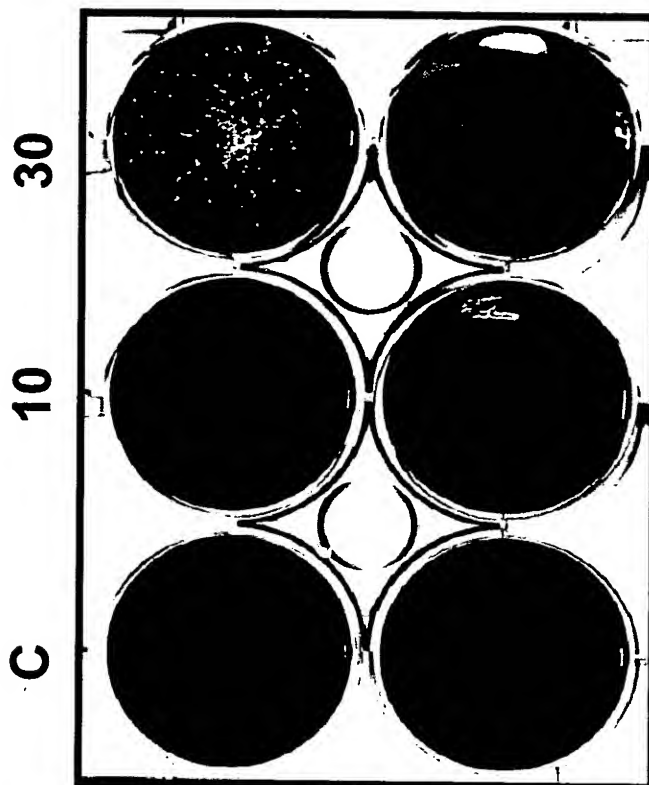
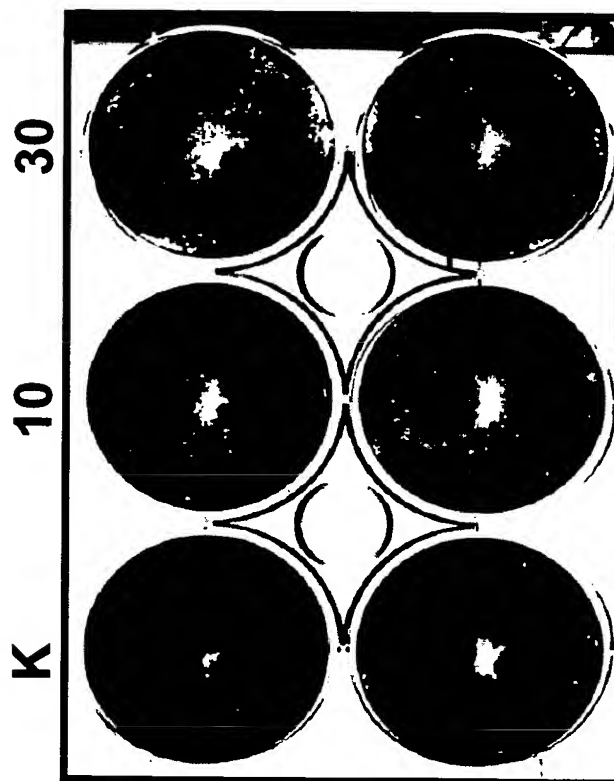


Fig. 11

Control:
No Daunorubicin



Daunorubicin:
40 ng/ml

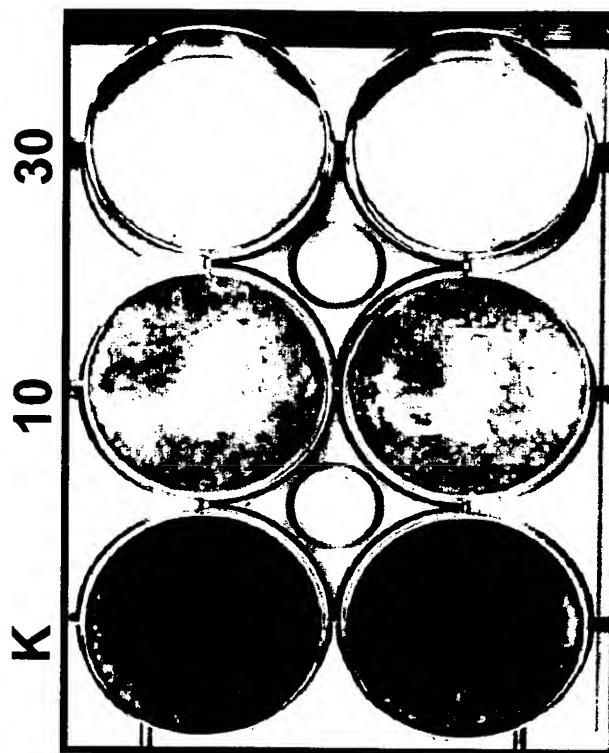


Fig. 12

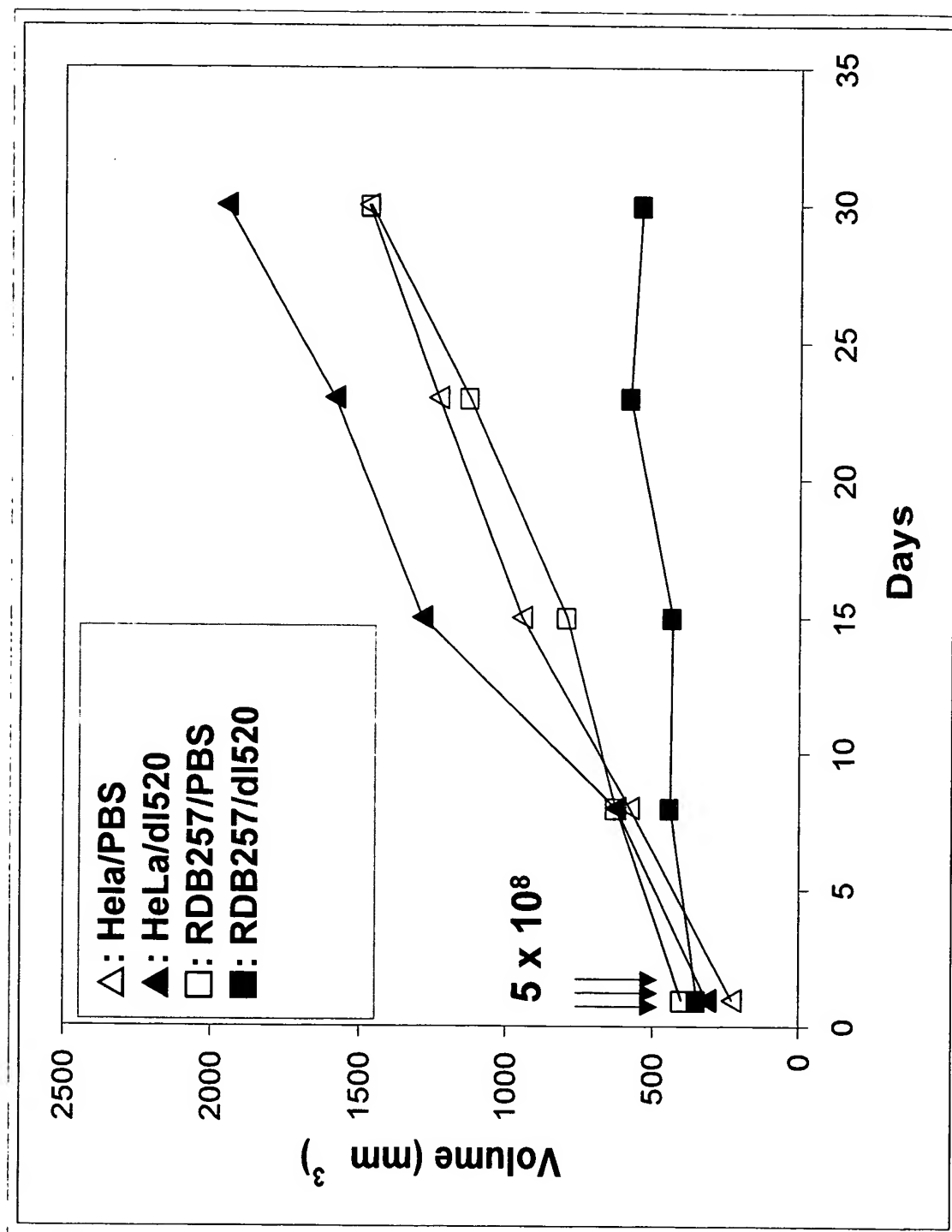


Fig. 13 PBS 5×10^8 dI520

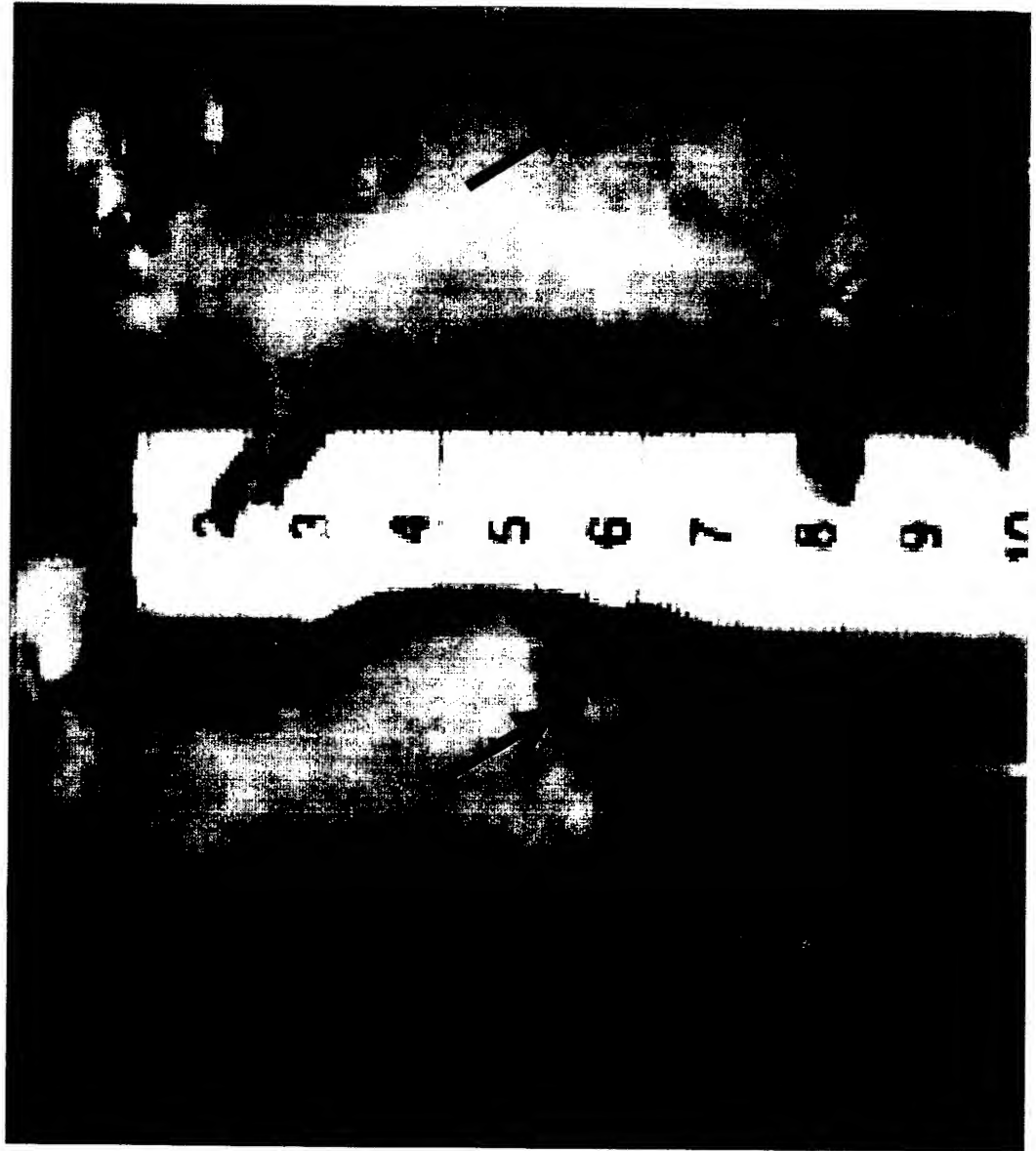
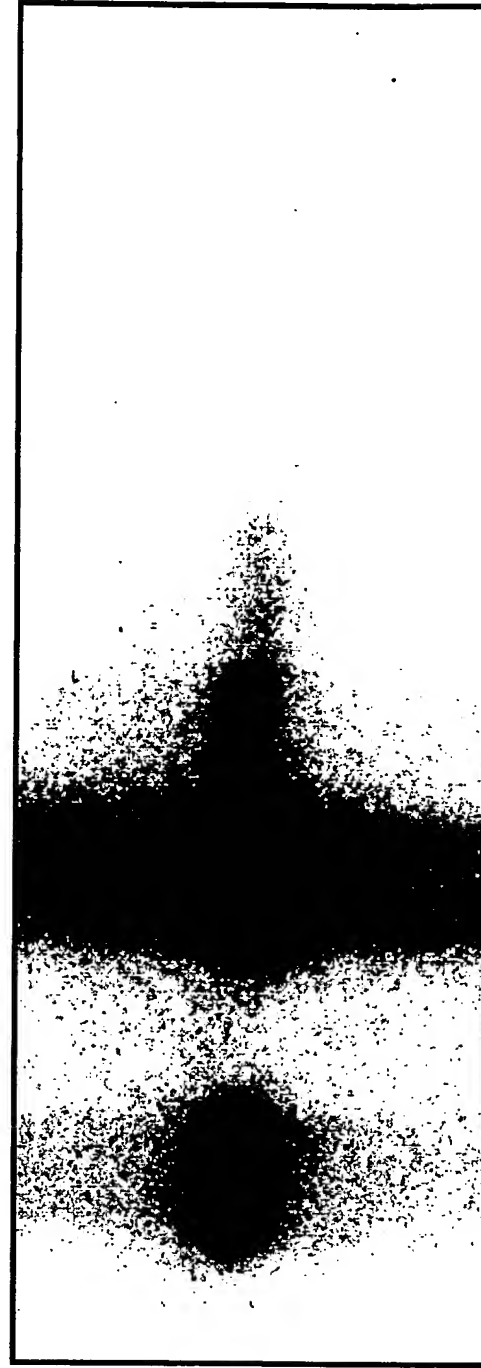


Fig. 14

	257RDB				HeLa			
	YB-1 nucleus-positive				YB-1 nucleus-negative			
	1	2	3	4	5	6	7	8



Southern Blot Analysis

Fig. 15

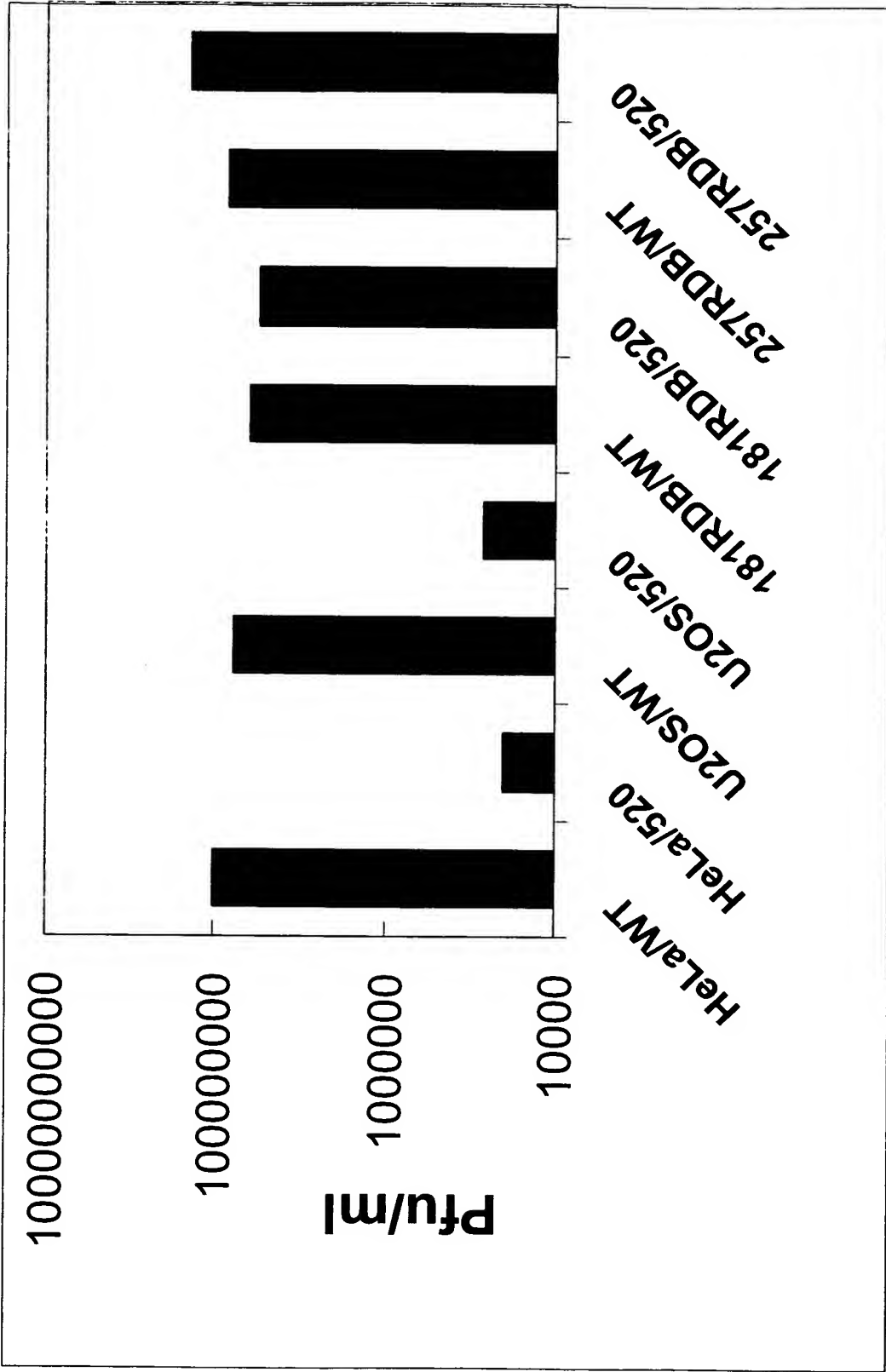
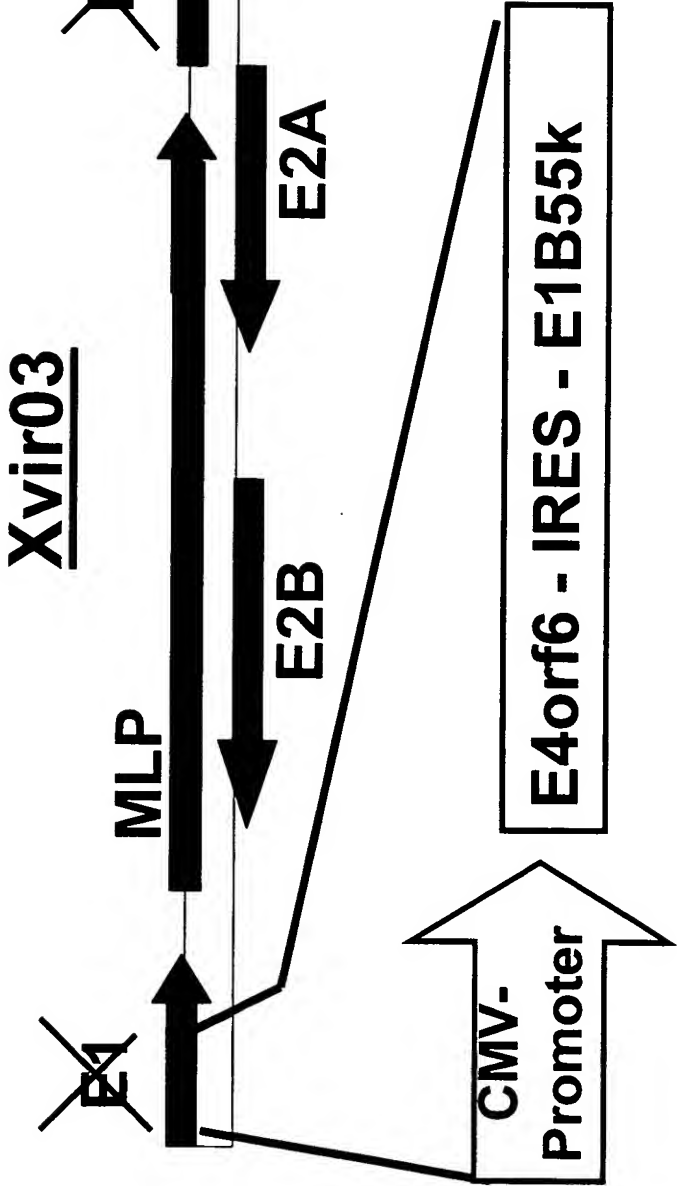
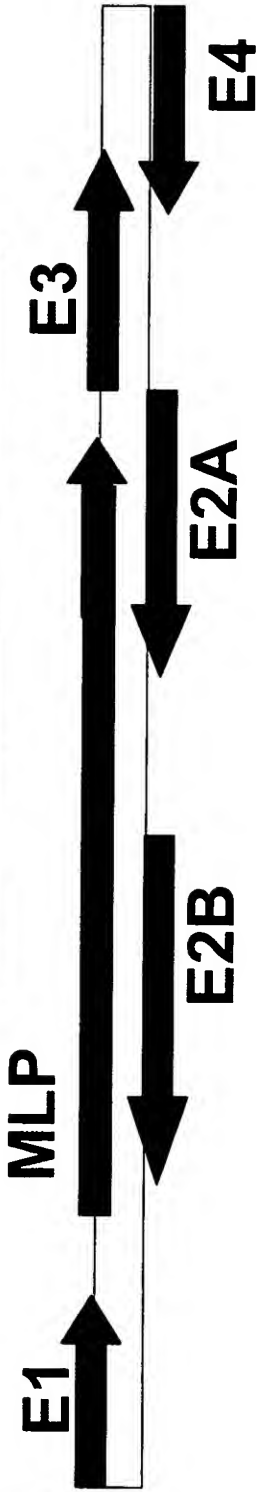


Fig. 16 Wildtype Adenovirus



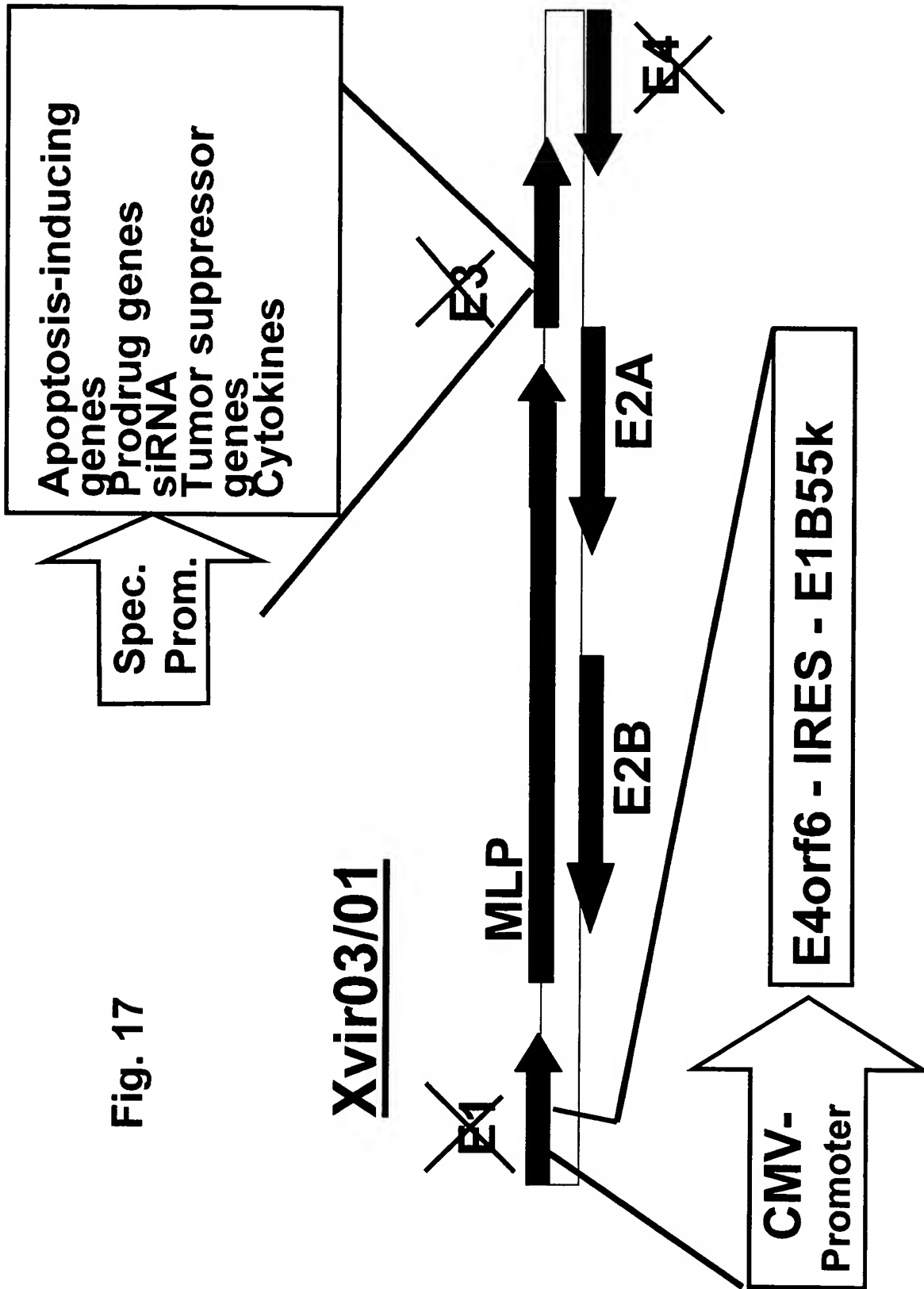


Fig. 18A

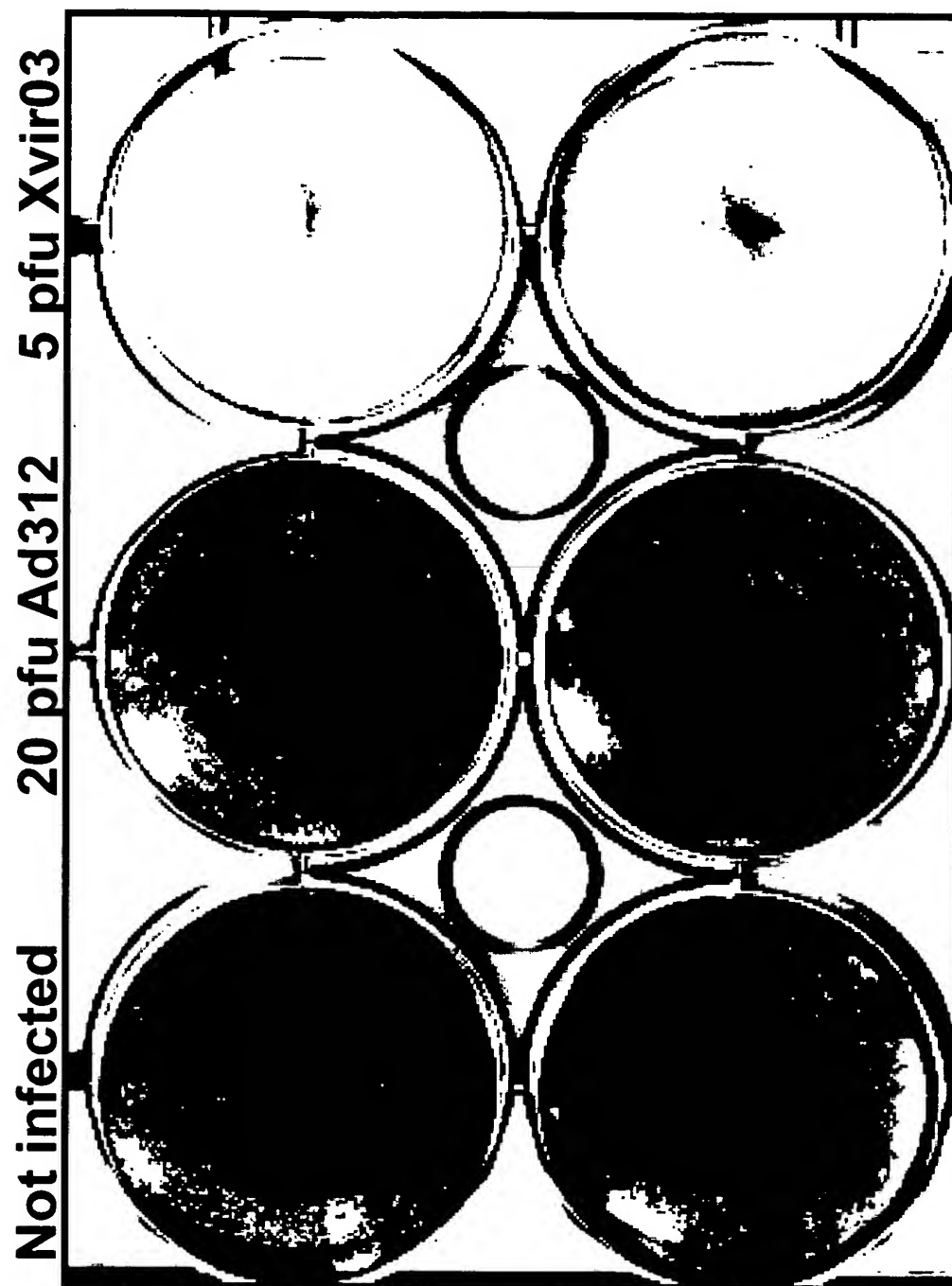
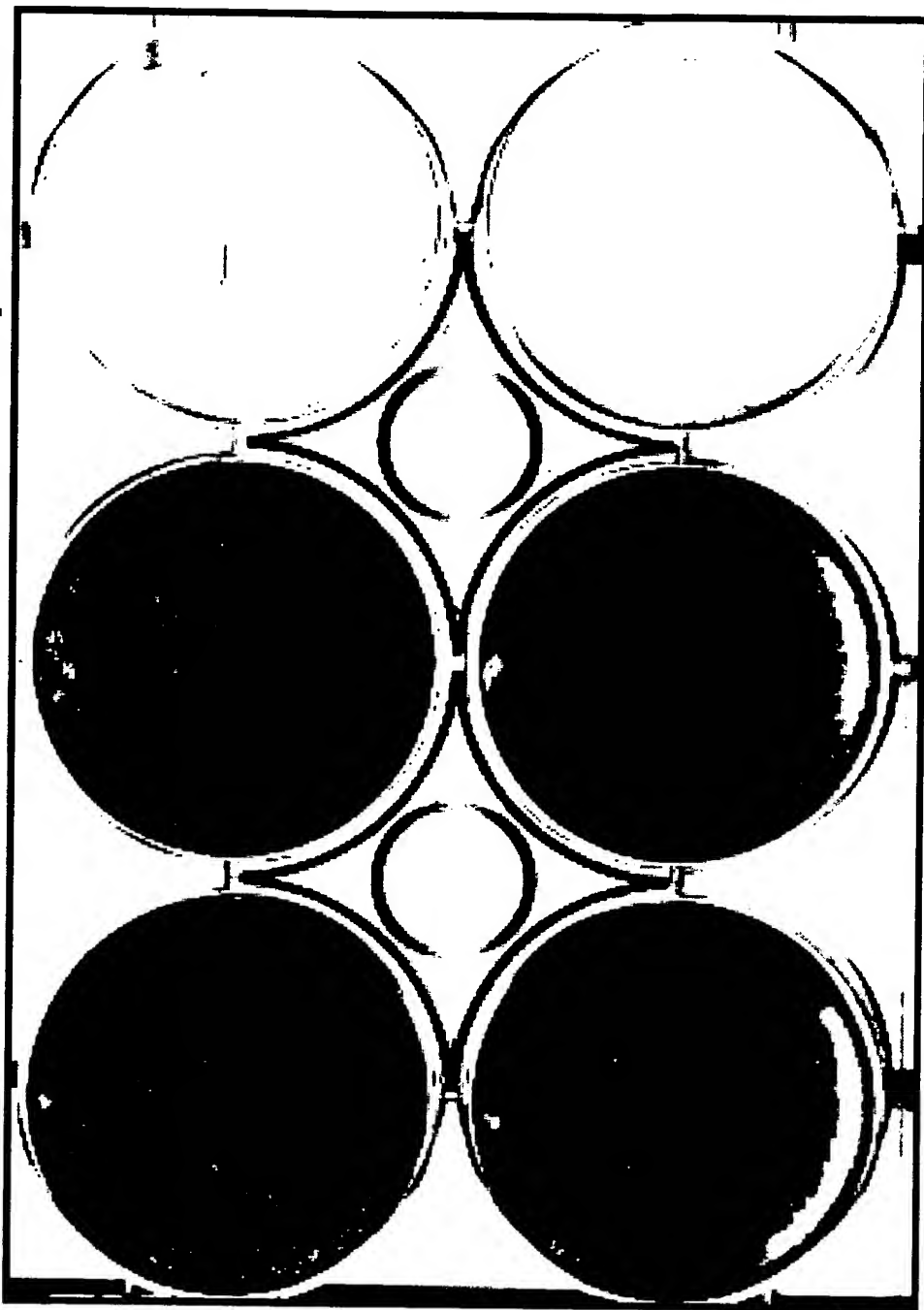


Fig. 18B

Not infected 20 pfu Ad312 5 pfu Xvir03



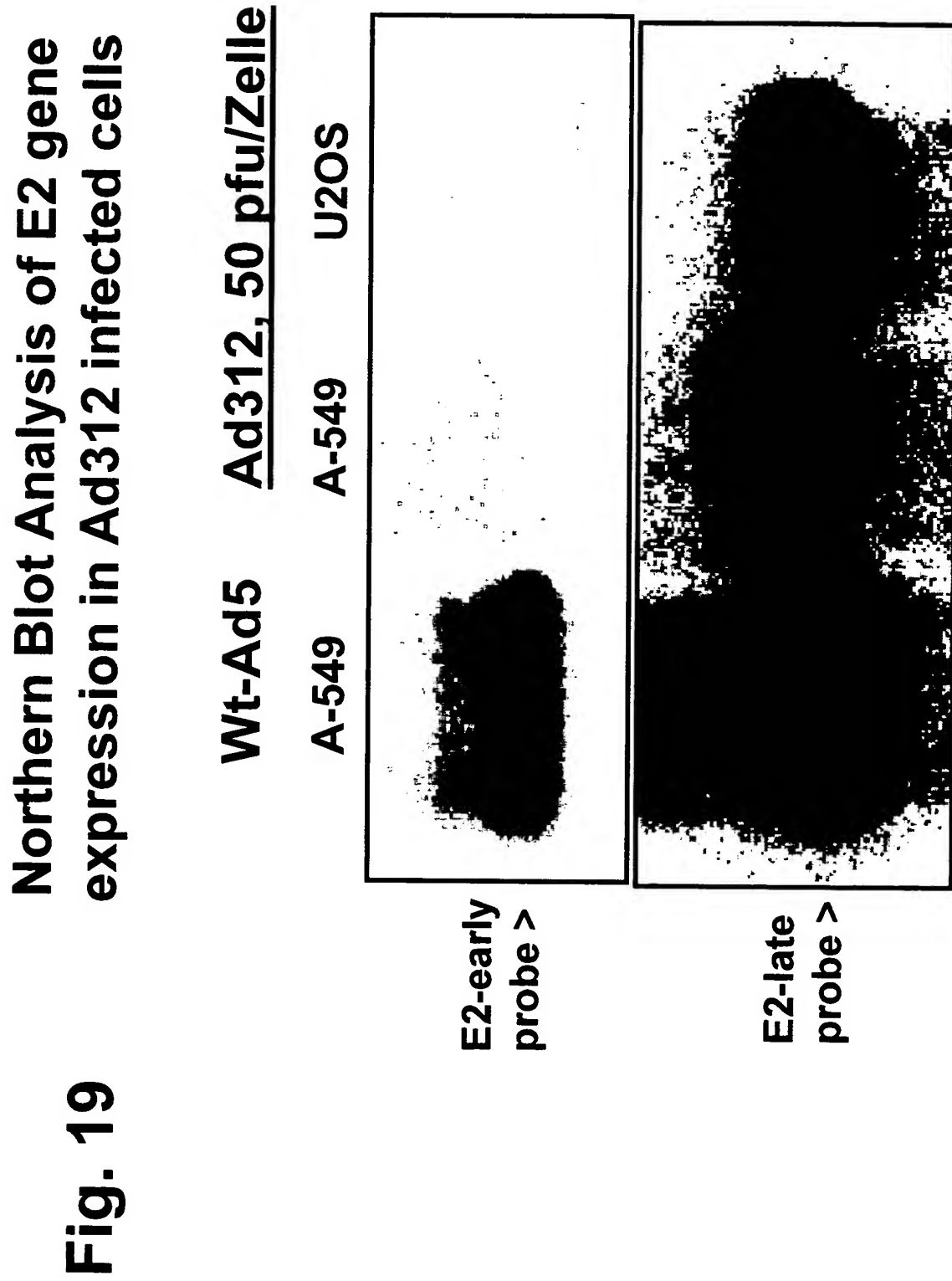


Fig. 20 Northern Blot Analysis of E2 gene expression in infected cells

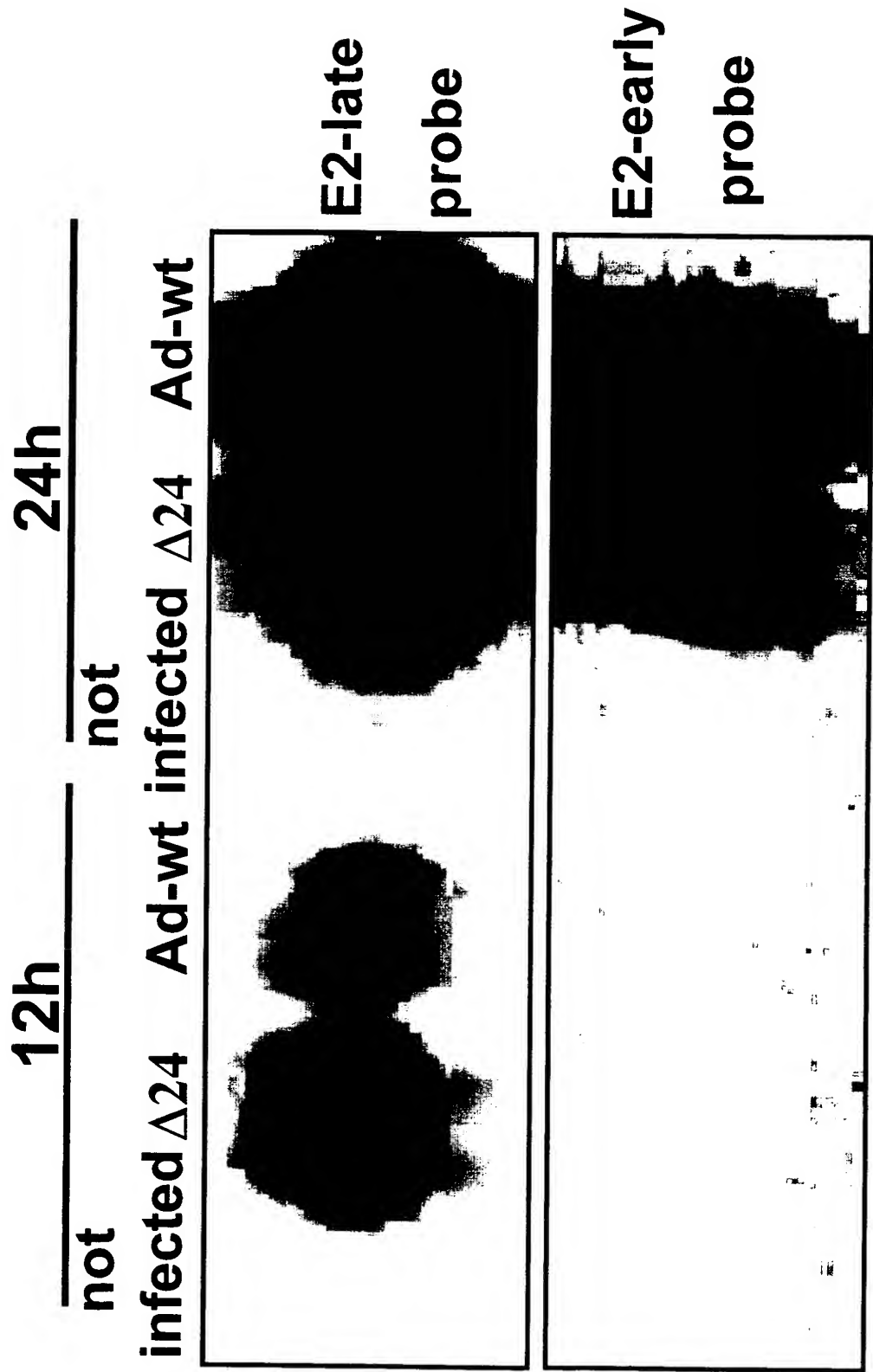


Fig. 21

XvirPSJL1

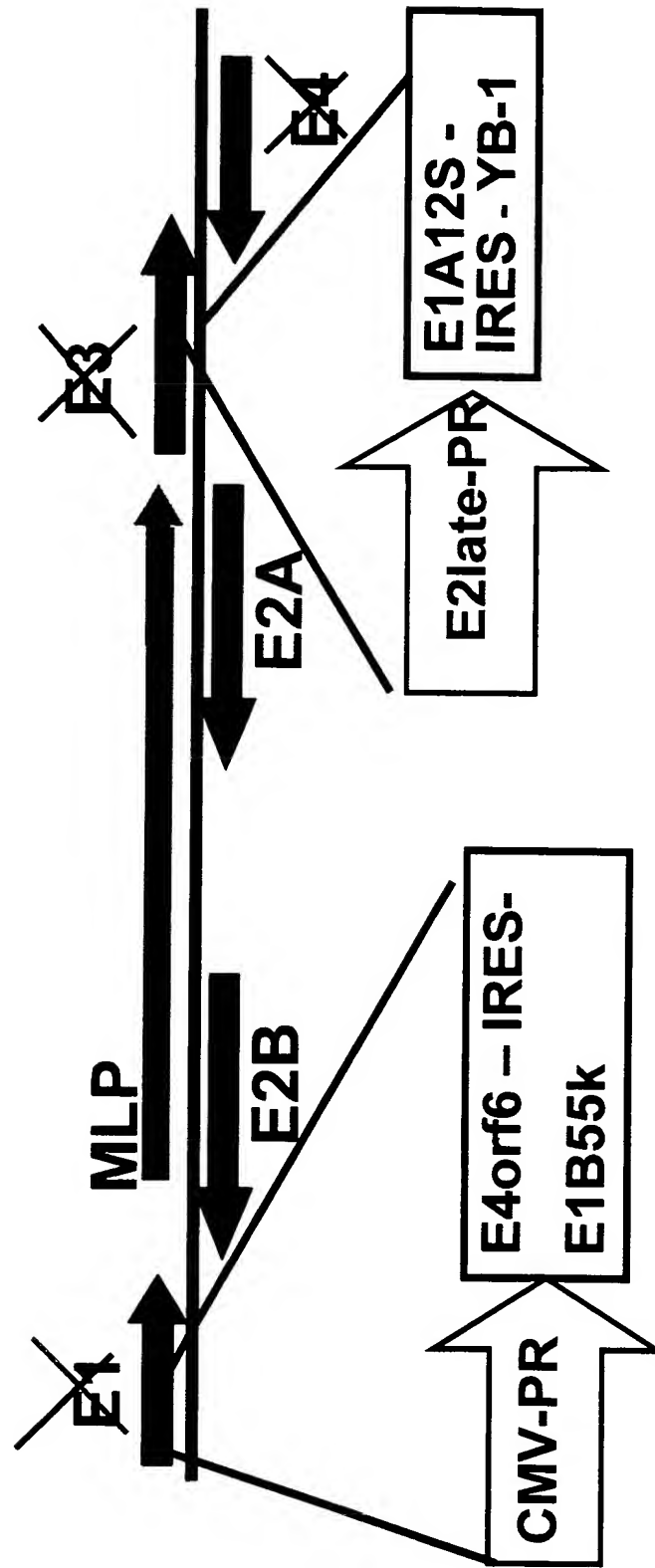
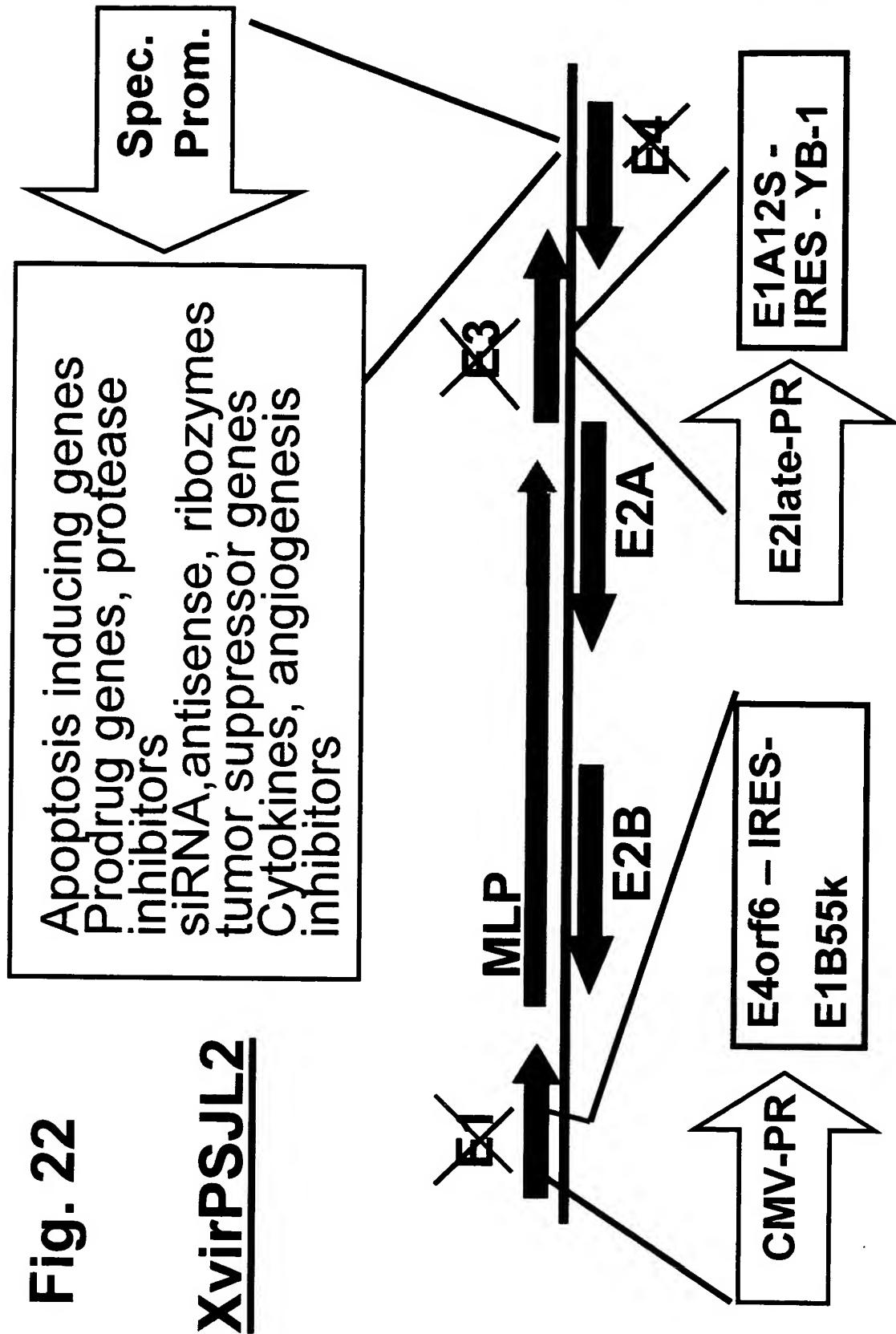


Fig. 22

XvirPSJL2

HeLa cells infected with
different MOIs of dl520

Fig. 23

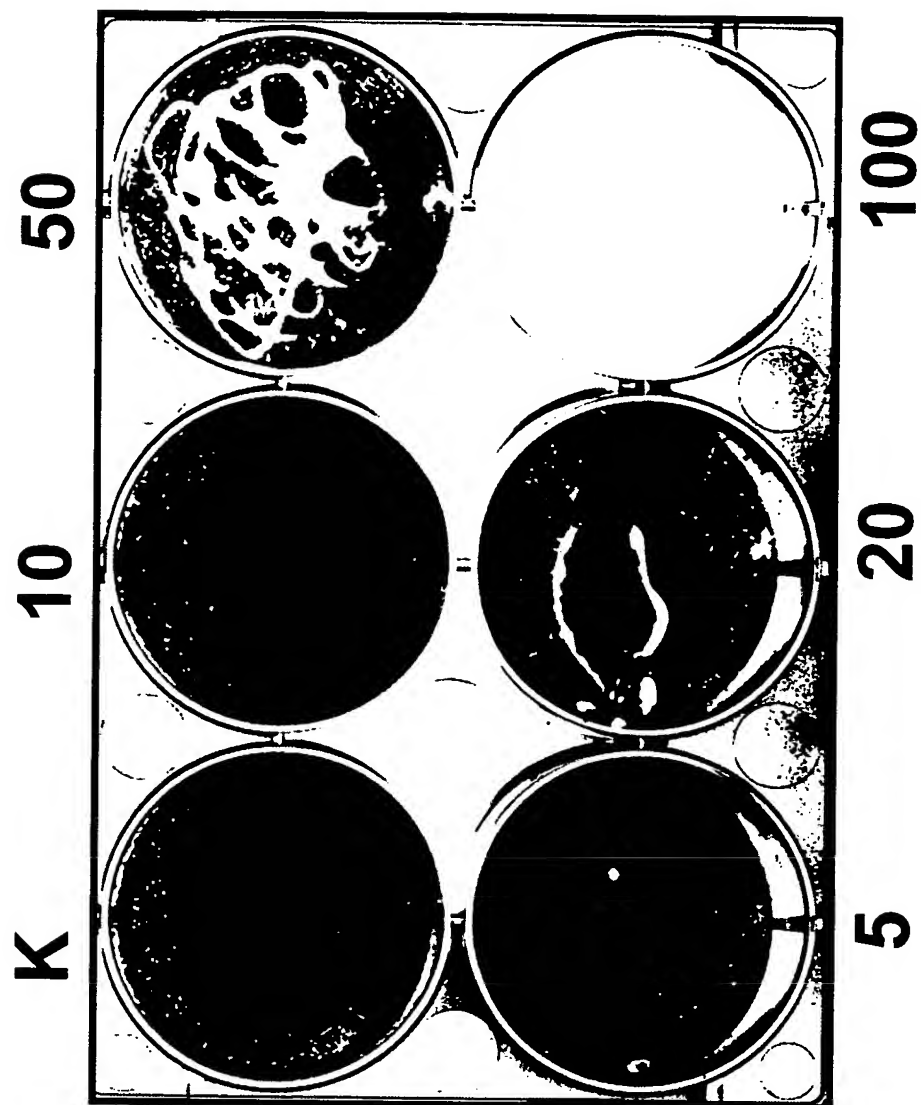
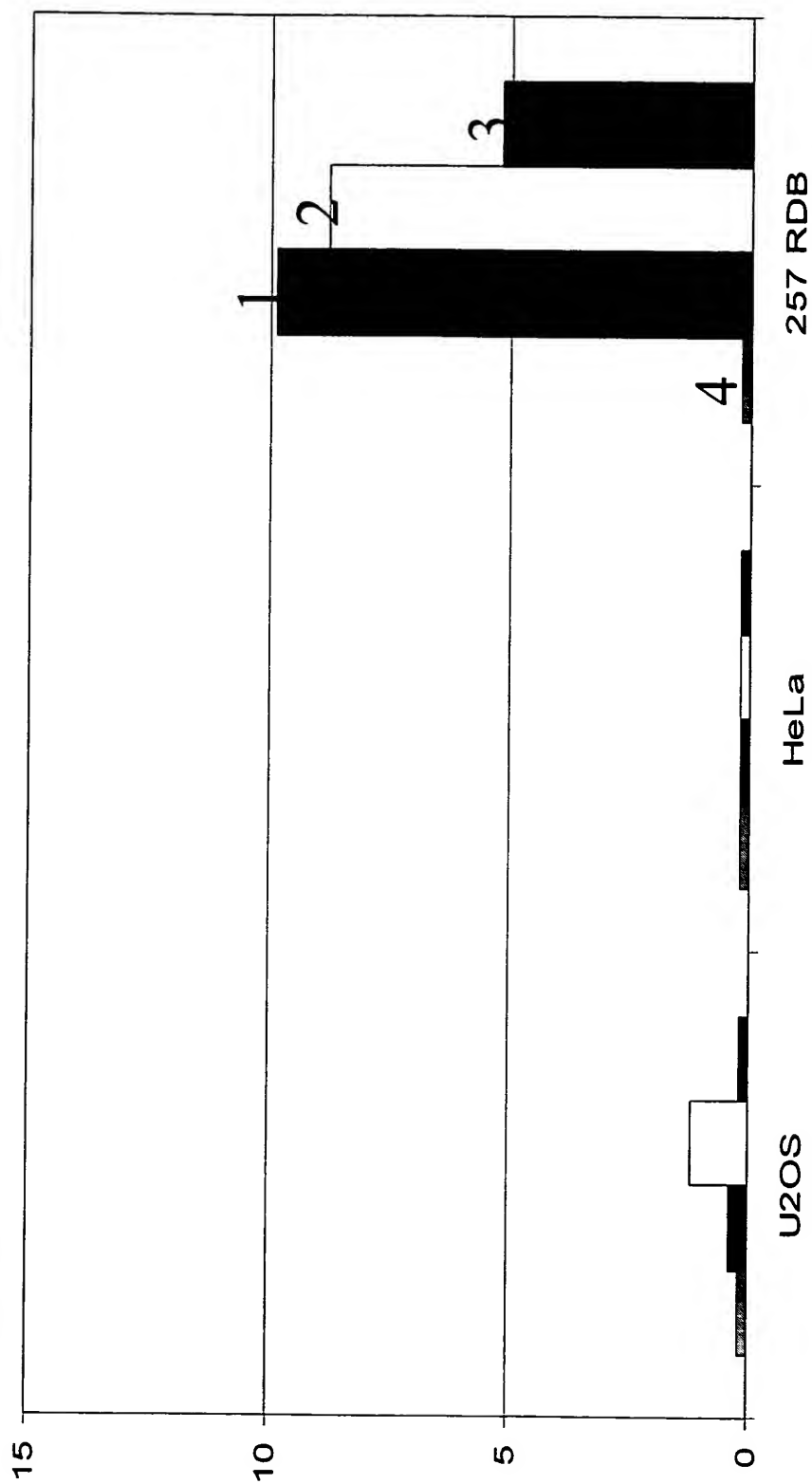


Fig. 24



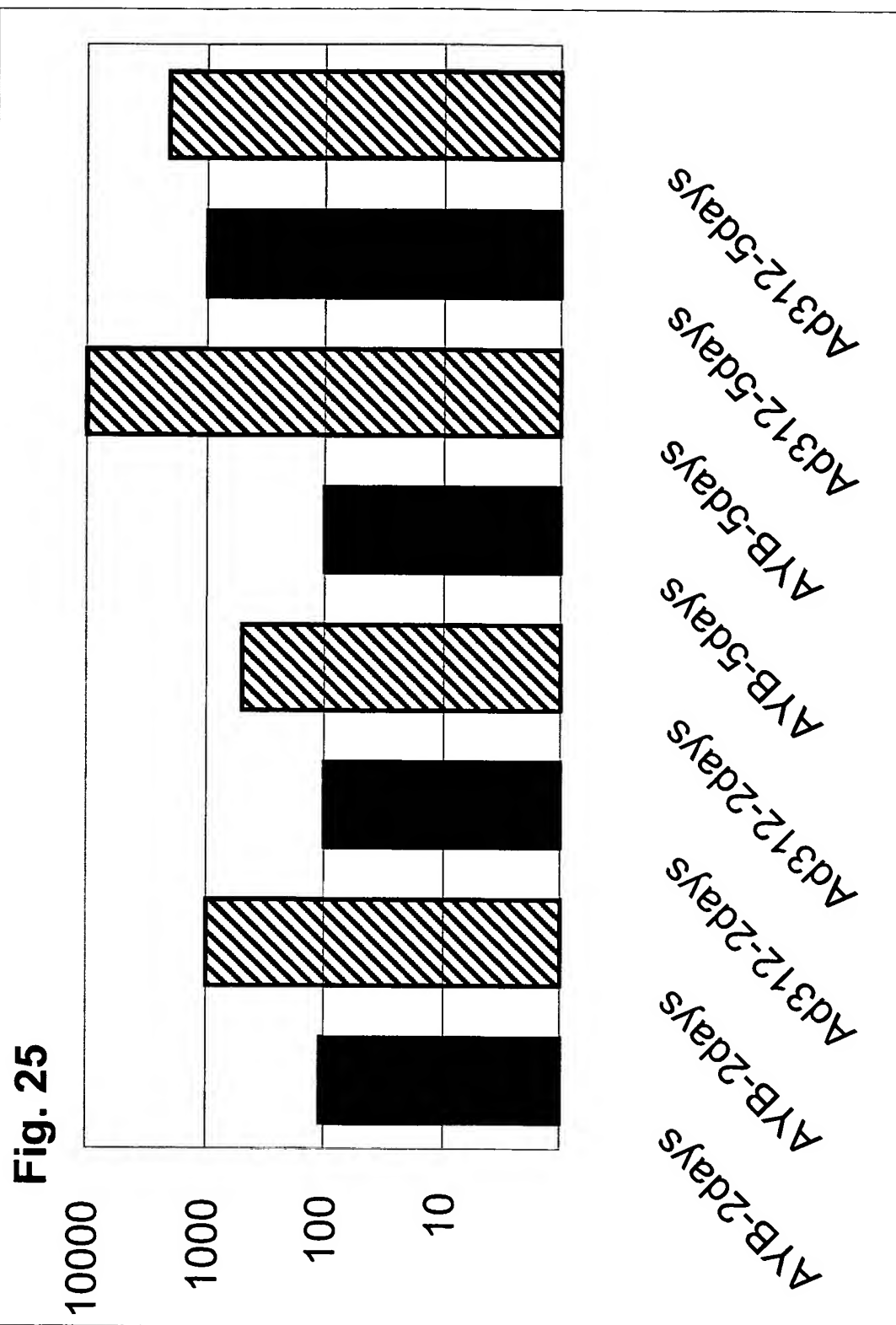
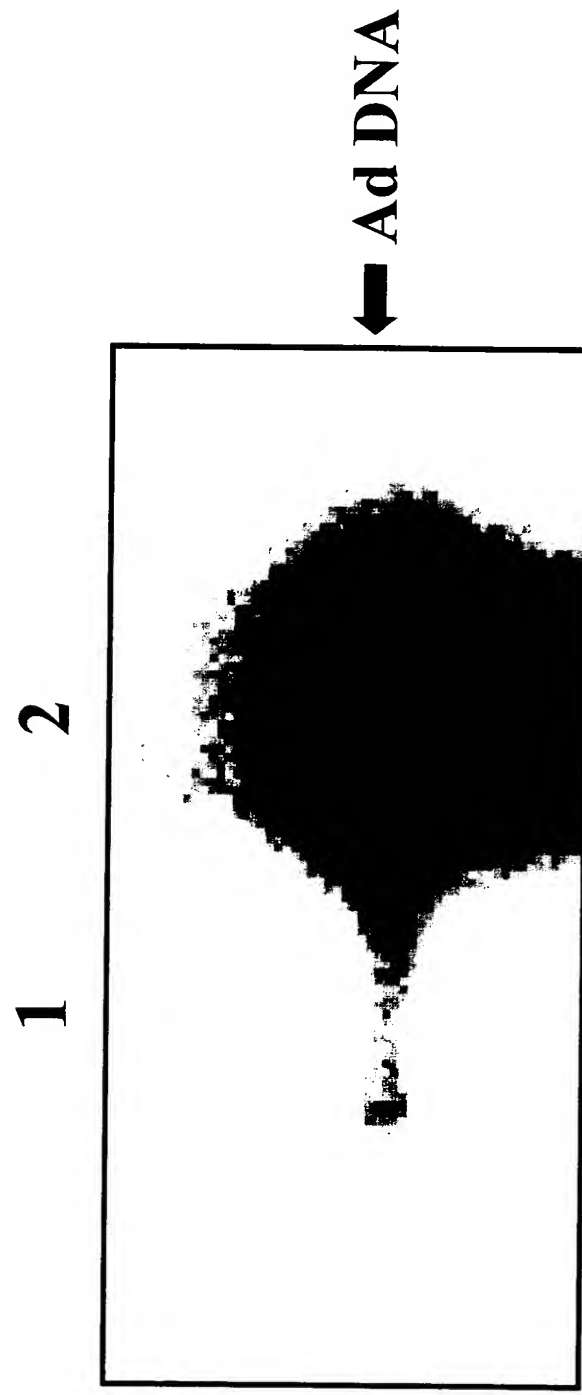


Fig. 26

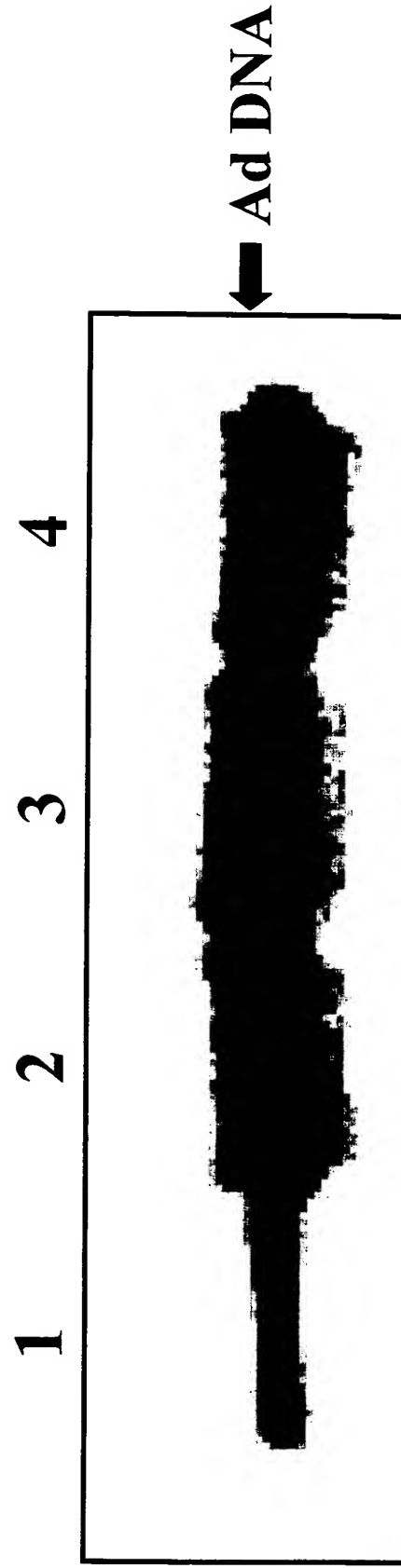
**U373 cells infected with 10 pfu
dl520/cell after incubation with
5 μ M Irinotecan for 24 hours**



Southern Blot Analysis

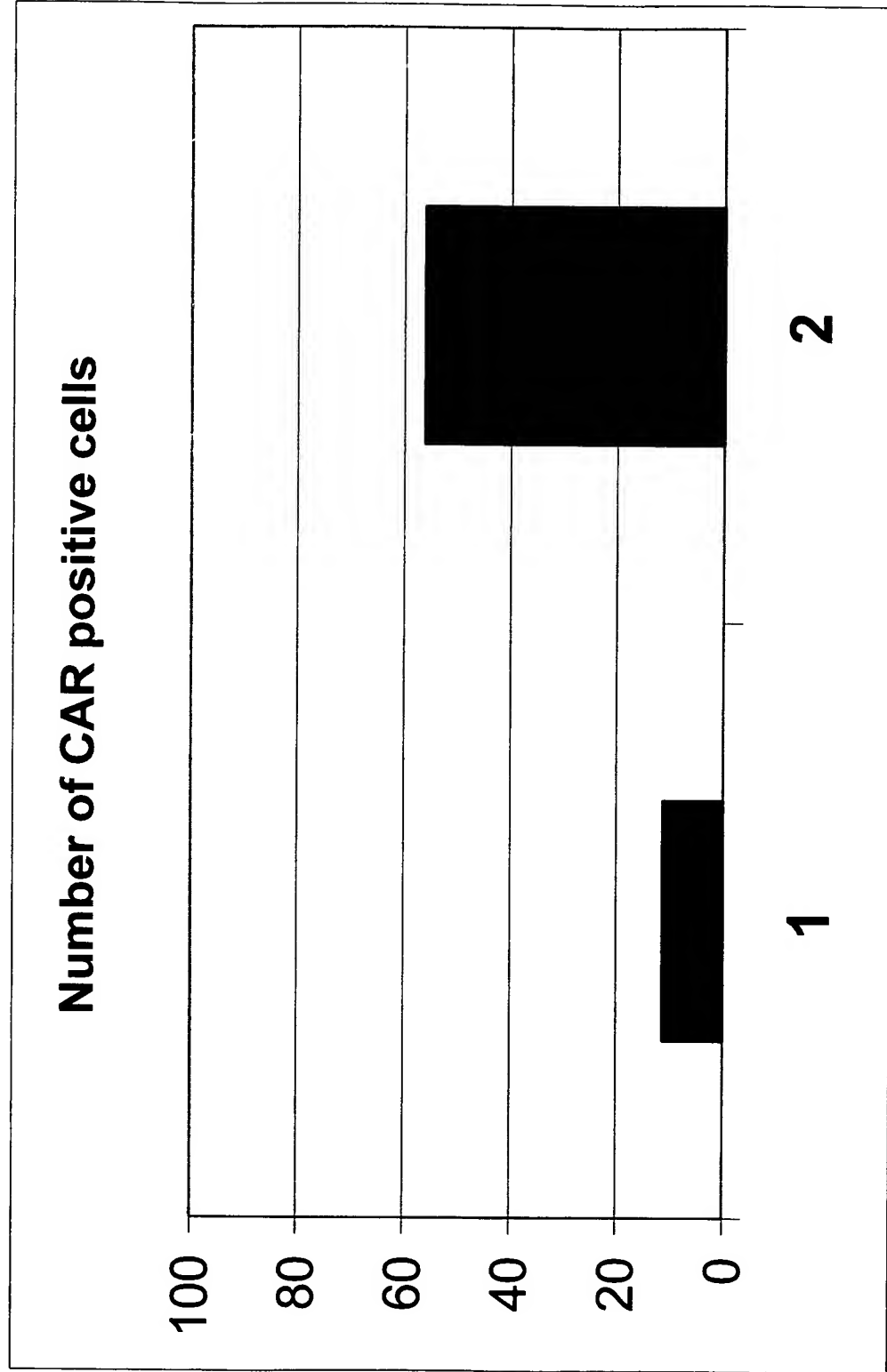
U373 cells infected with 10 pfu dl520/cell
After incubation for 24 hours with
increasing concentrations of Trichostatin

Fig. 27



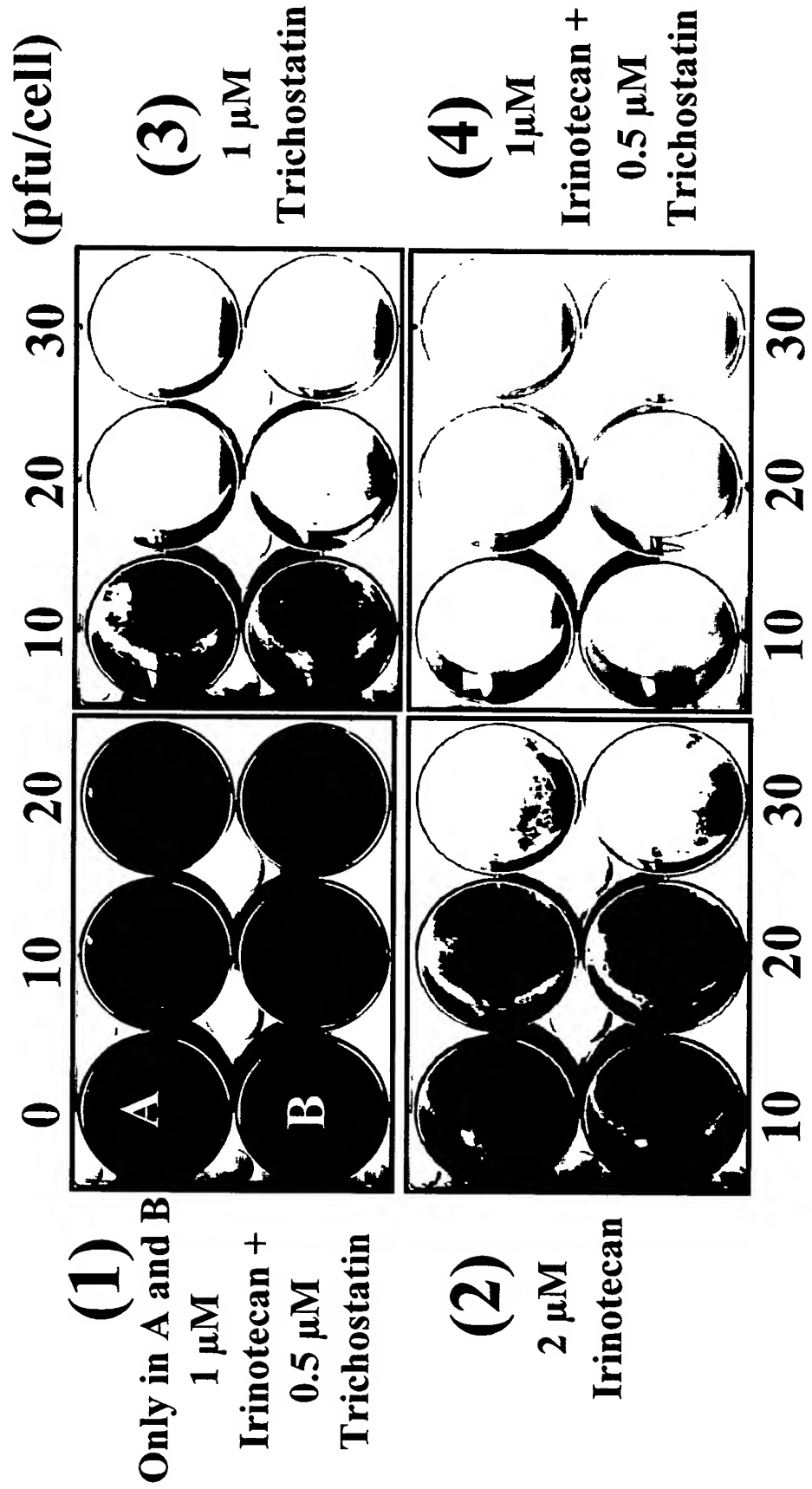
Southern Blot Analysis

Fig. 28 FACS analysis: CAR expression of U373 cells after incubation with Trichostatin for 24 hours



Oncolytic effect of dl520 in U373 cells in combination with Irinotecan and Trichostatin

Fig. 29



E1B55k-region:
ORF = 2019 – 3506 bp
***BfrI* – cleavage site = 3534 bp**
3'UTR = 3507 – 4107 bp

Fig. 30

***E1B55k* ORF**

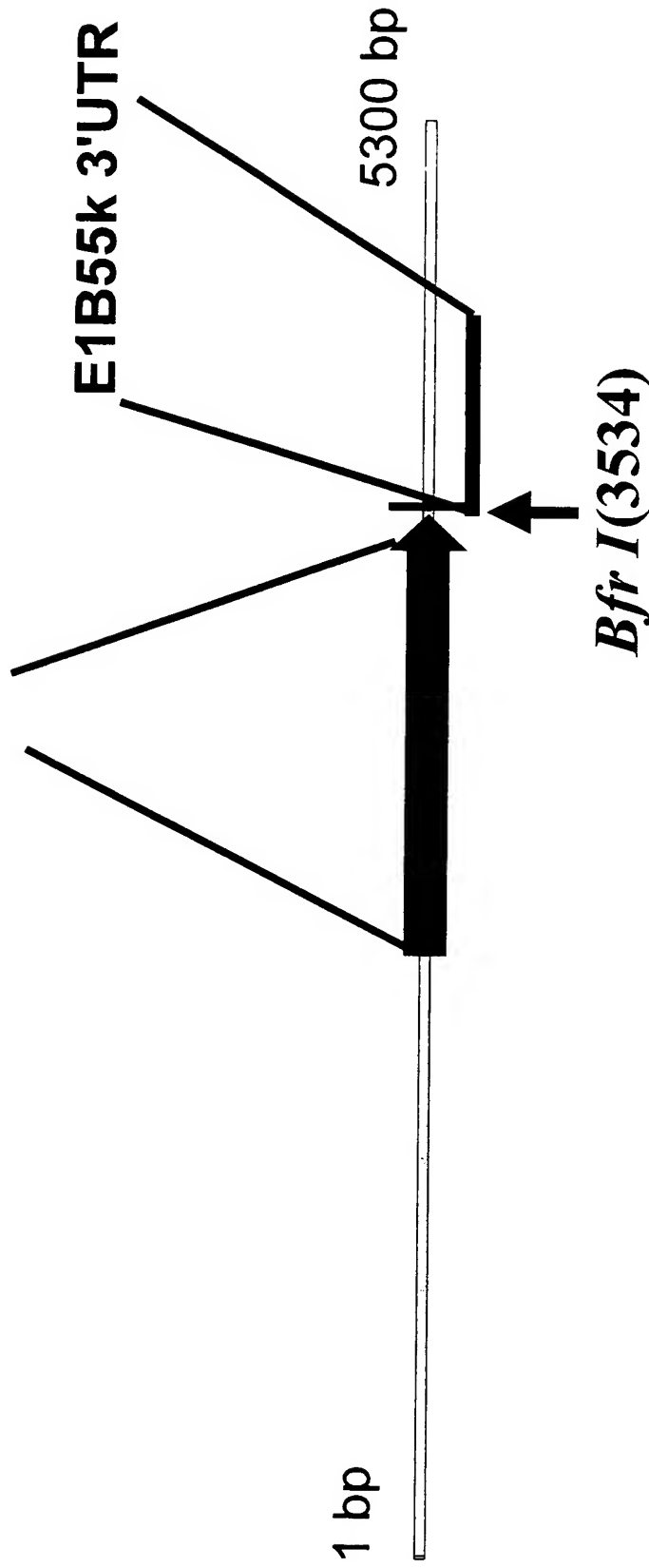


Fig. 31

5'tgaggtaactgtgtggcgctgaagggtgggaagaatataaag
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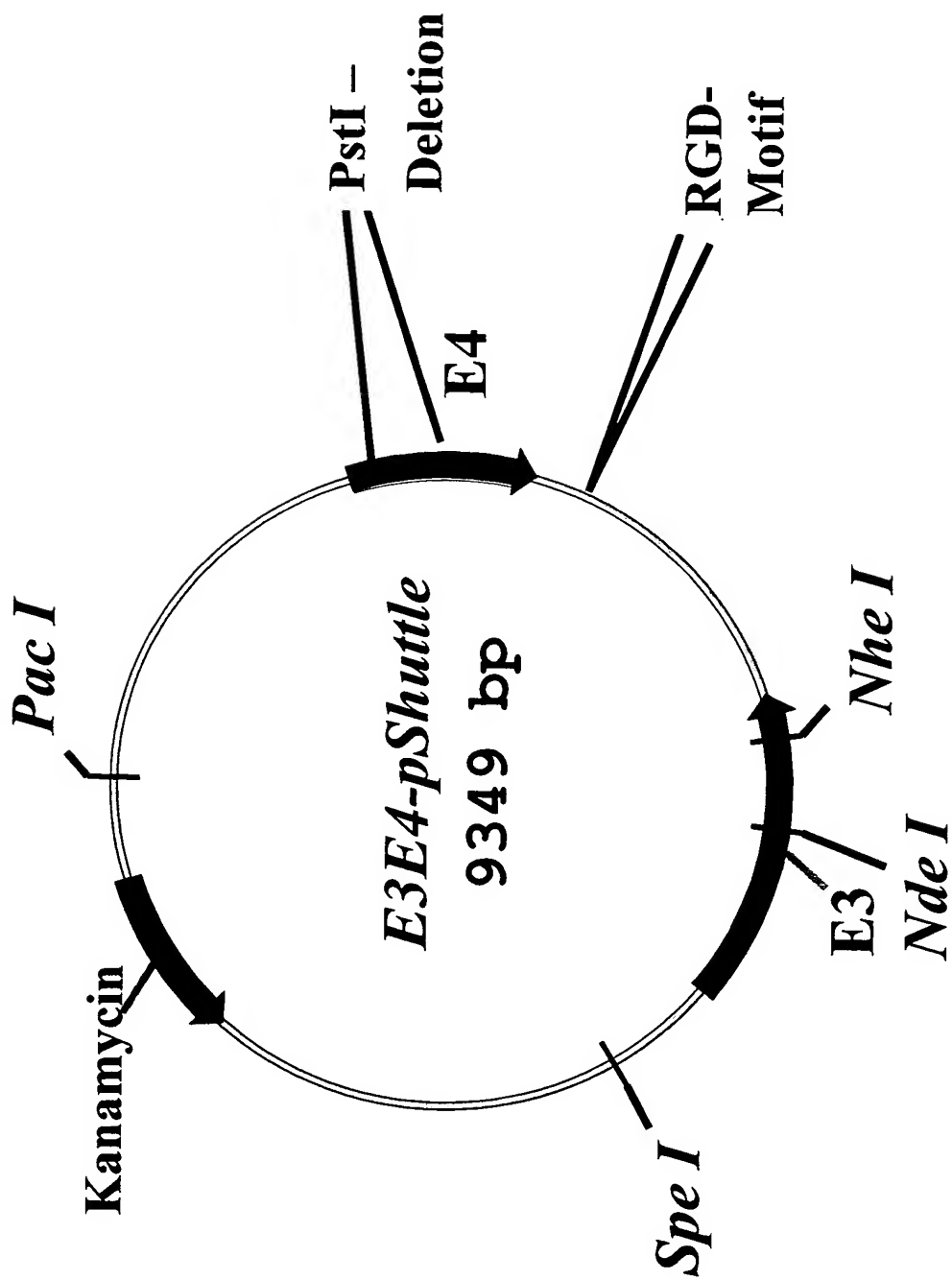


Fig. 32